

WHAT WE CLAIM IS:

1. An air circulation and ventilation unit including:
a housing configured to fit at least partially over the ceiling of an equipment
5 cabinet including fitting over at least one vent in the ceiling of the cabinet, so that the interior of the housing is in communication with the interior of the cabinet,
the housing including a housing vent moveable between an open position in which air may flow between the outside of the housing and the inside of the housing and a closed position in which little or no air can flow between the outside of the housing
10 and the inside of the housing, and
a controller to control the position of the housing vent.
2. An air circulation and ventilation unit as claimed in claim 1 further including a temperature sensor attached to the controller that provides an indication of the
15 temperature inside the cabinet.
3. An air circulation and ventilation unit as claimed in claim 1 or claim 2 further including a fan inside the housing to circulate air.
- 20 4. An air circulation and ventilation unit as claimed in claim 1 or claim 2 further including a fan inside the cabinet to circulate air.
5. An air circulation and ventilation unit as claimed in claim 3 or claim 4 wherein the fan is controlled by the controller.
- 25 6. An air circulation and ventilation unit as claimed in any one of claims 1 to 5 further including a heater inside the housing that is controlled by the controller.
7. An air circulation and ventilation unit as claimed in any one of claims 1 to 6
30 wherein the controller includes a solenoid that controls the housing vent position.

8. An air circulation and ventilation unit as claimed in any one of claims 1 to 7 wherein the housing vent is spaced apart from the cabinet vent.
9. An air circulation and ventilation unit as claimed in any one of claims 1 to 8
5 wherein the housing vent rotates between open and closed positions.
10. An air circulation and ventilation unit as claimed in any one of claims 1 to 9 to an equipment cabinet.
- 10 11. An air circulation and ventilation unit substantially as herein described with reference to the accompanying drawings.